

PERSONAL SERVICE SETTING: HOW TO DILUTE DISINFECTANT TO THE RIGHT CONCENTRATION

LOW LEVEL

INTERMEDIATE LEVEL

HIGH LEVEL

FOR BLEACH OR CHLORINE SOLUTION (BASED ON 5.25% SODIUM HYPOCHLORITE)

NOTE:

- Use [Chlorine Dilution Calculator | Public Health Ontario](#) for your specific bleach concentration
- Solutions recommended to be mixed daily

100 PPM

How to mix the bleach solution (1:500):

- 1 ml (1/4 teaspoon) household bleach + 500 ml (2 cups) water, or
- 20 ml (4 teaspoons) household bleach + 10 L (40 cups or approx. 2 gallons)

Contact Time: 1 minute

1000 PPM

How to mix the bleach solution(1:50):

- 20 ml (4 teaspoons) household bleach + 1000 ml (4 cups) water, or
- 100 ml (7 tablespoons) household bleach + 5000 ml (20 cups) water

Contact Time: 10 minutes

5000 PPM

How to mix the bleach solution(1:10):

- 62 ml (1/4 cup) household bleach + 562 ml (2¼ cups) water, or
- 250 ml (1 cup) household bleach + 2250 ml (9 cups) water

Contact Time: 10 minutes

FOR HYDROGEN PEROXIDE (HP)

3% HP

Contact Time: 10 minute

0.5% Accelerated HP

Contact Time: 20-30 minutes (follow manufacturer's instructions)

≥6% Accelerated HP

Contact Time: 20-30 minutes (follow manufacturer's instructions)

Questions? Ask our EH Team Call 1-866-888-4577 x 5006 or Email inspections@hkpr.on.ca